

**WE CLAIM:**

5           1. A monitor respiratory movement device to be used on both humans and animals for controlling the respiratory movements wherein the monitor comprises:

- a) an accelerometer
- b) a micro controller
- 10         c) said accelerometer includes a motion detector and a plurality of output plugs
- d) said micro controller includes a plurality of input sockets; wherein said plurality of output plugs are connected so said plurality of input sockets and the micro controller includes signal outputs which are connected to an alarm means.

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20         2. The device of claim 1 wherein said micro controller comprises outputs connected to transmission means for transmitting the signals sent by the accelerometer towards external processing devices for processing said signals.

3. The device of claim 2 wherein said external processing devices are computer means.

25         4. The device of claim 2 or 3 wherein said transmission means are instant acceleration transmission modules.

5. The device of claim 4 wherein said instant acceleration transmission modules comprises:

- a) a series/parallel signal converter module;

b) a transmission module;

wherein said series/parallel signal converter module is an integral part of the micro controller and the output sockets of the same are connected to said transmission module; being that transmission module defined by a signal codification integrated circuit and a signal transmission integrated circuit.

6. The device of claim 5 wherein said signal transmission integrated circuit is an infrared transmission device.

10 7. The device of claim 5 or 6 wherein said signal codification integrated circuit is an IrDA signal encoder certified.

8. The device of any of the preceding claims wherein said alarm means is a buzzer connected to the micro controller through a transistor.

15 9. The device of claim 1 where in current supply for the device is provided by an integrated regulating tension circuit connected to the electric network through a transformer and a CC battery associated to a regulating tension circuit configured based on a transistor and a Zener diode.